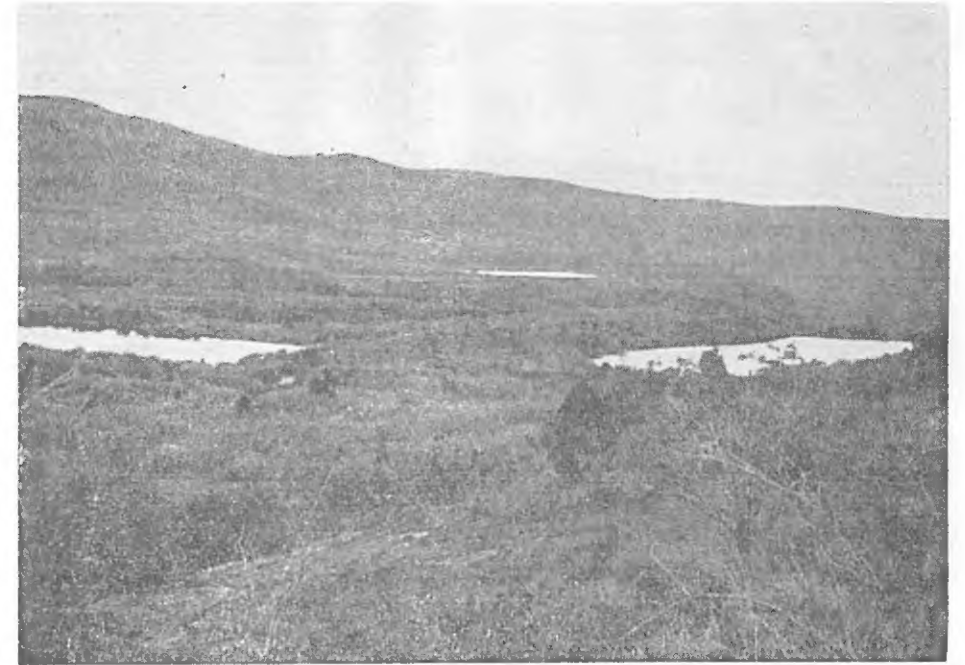


Lake Creek
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The scene for pioneer irrigation in Wasatch County was laid in the roughly bowl-shaped Provo Valley. The Provo River winds through its center from north to south, and a number of small streams bearing the annual run-off of melted snow and a small amount of spring water ran from its mountainous perimeter to the river in the center. Prior to cultivation, the land in the valley could properly be termed open range. Grass grew rather abundantly along the river bottom and sides of the streams, while the rest of the land was covered with sagebrush, wheat grass, weeds, and wild flowers. The mountain sides were heavily timbered with aspen, fir, and Engleman spruce. Stock was grazed here before the farming settlers came, and the vast timber resources of the region prompted the building of the road up Provo Canyon.¹ These two interests shared competitive roles with the settlers who came to till and irrigate the soil.

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The first problem was locating the dam sites for the reservoirs. The dams could not be put on the creek itself because of the attitudes of the older settlers. Instead, they were located off to one side of the stream on various flats in the canyon. The reservoirs were then fed by lateral ditches running from the creeks. Each spring the annual run-off of melted snow from the mountain sides glutted the little streams, and it was this high water that the new settlers wanted to conserve until the fall when the creek level dropped once more. It was later found that not only the high water, but also the entire creek water before the irrigation period began and after

⁶The Journal of James Lindsay, MSS, (Daughters of Utah Pioneers Historical Collection, Heber City, 1920), p. 8.



Trial Lake

it ended, could be saved. Putting the reservoirs off to one side had definite advantages. The reservoirs were not filled with silt or dirt as they would have been had they been built on the stream. When they were filled the water was allowed to run down stream so that there was no danger of the dam breaking or washing away.

The pioneers began work on the reservoirs in 1879, and each year for the next fifteen or twenty years they drove their teams and wagons up the timbered slopes to gouge out rock, clay, and dirt for the five dams which backed up enough water to assure them a harvest in the fall.

This resourcefulness was met coldly by the old settlers, who felt that the reservoir water rightly should belong to them. Though repeated attempts were made to amalgamate the holdings of the Center Creek Company and the reservoir company, they were not successful.

We quarreled with the old settlers about the water to fill the reservoirs. . . . Creek Company (the old settlers) would go up the canyon and shut the water off and perhaps we would not know it for several days, so the feelings were anything but pleasant.

. . . We were hounded and hated for doing what the whole county was doing. Now we were the pioneers on the Reservoir building. . . . Our work proved to be the salvation and savior of our little community. When I first came on the creek there was no hay raised. . . . They fed straw to their stock. . . . The old settlers had made no ditches, built no reservoirs nor done anything to improve the little town.⁷

Other communities in the valley, faced with the same problem, also built reservoirs. But in the case of those irrigating along Daniels Creek the canyon was too steep to make reservoir building feasible.

⁷Ibid., p. 8.

The search for additional water led the Daniels Creek settlers even to streams running on the other side of the mountains. They had watched with despair as yearly the water level in Daniels Creek fell, until by the end of summer only the springs along the foot of the mountain were left to supply both culinary and irrigation needs. The Strawberry River, with its tributary creeks, was draining the watershed on the other side of the mountain and it was to this source that Hiram Oaks and a few companions turned in 1879.

With a spirit level and plumb bob they surveyed what were later incorporated as the Strawberry and Willow Creek Canals.⁸ These canals were designed to bring the water across the mountains into Daniels Canyon. By 1882 the Daniels settlers had finished the three-mile-long Strawberry Canal at a cost of six thousand dollars. The thirty-three second-feet of water proved insufficient for later needs and so the Strawberry company began work on a second canal system designed to draw upon the high water from Strawberry Creek and the low water from Willow Creek for use on the other side of the mountain. The old company abandoned the project when the expense became too great. Those who had worked on the Willow Creek Canal then formed the Willow Creek Irrigation Company, which finished the seven-mile canal in 1893. This canal had a capacity of twenty-one second-feet and the water ran through a tunnel one thousand feet long, built at a cost of fifteen thousand dollars. When completed the project irrigated an additional thousand acres of land.⁹

The Timpanogos High Water Canal was a project designed to supply water to those land owners who had settled parallel to the river bank but above the level of

⁸Julia M. Anderson, "History of the Daniels Irrigation Company," MSS, (Daughters of Utah Pioneers Historical Collection, Heber City, 1952), p. 2.

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water at the point the river passed their farms. The first settlers to use the Provo River water had laid out a large plot of land called the North Field, along the east bank of the river just northwest of Heber City. The field comprised about three thousand acres, and those who farmed this land held the oldest water claims in the valley.¹⁰ Originally these were individual claims, but in 1889 the claims were consolidated into the North Field Irrigation Company for the purpose of regulating the water supply and maintaining the irrigation system.¹¹

The Provo River was again tapped for irrigation by the Wasatch Canal Company. Settlers with shares in this canal cultivated about two thousand five hundred acres of land east of that watered by the North Field irrigation system and the Spring Creek Canal. The Timpanogos Canal was designed to water additional land lying farther east by utilizing the high water from the Provo River.

The Timpanogos Company was incorporated on May 31, 1895. A committee appointed to survey the proposed canal planned it to be twelve and one-half miles long beginning at a point on the river six miles north of Heber. Later the lakes at the head of the Provo River were also reservoired and the high water there was retained for use by this company.

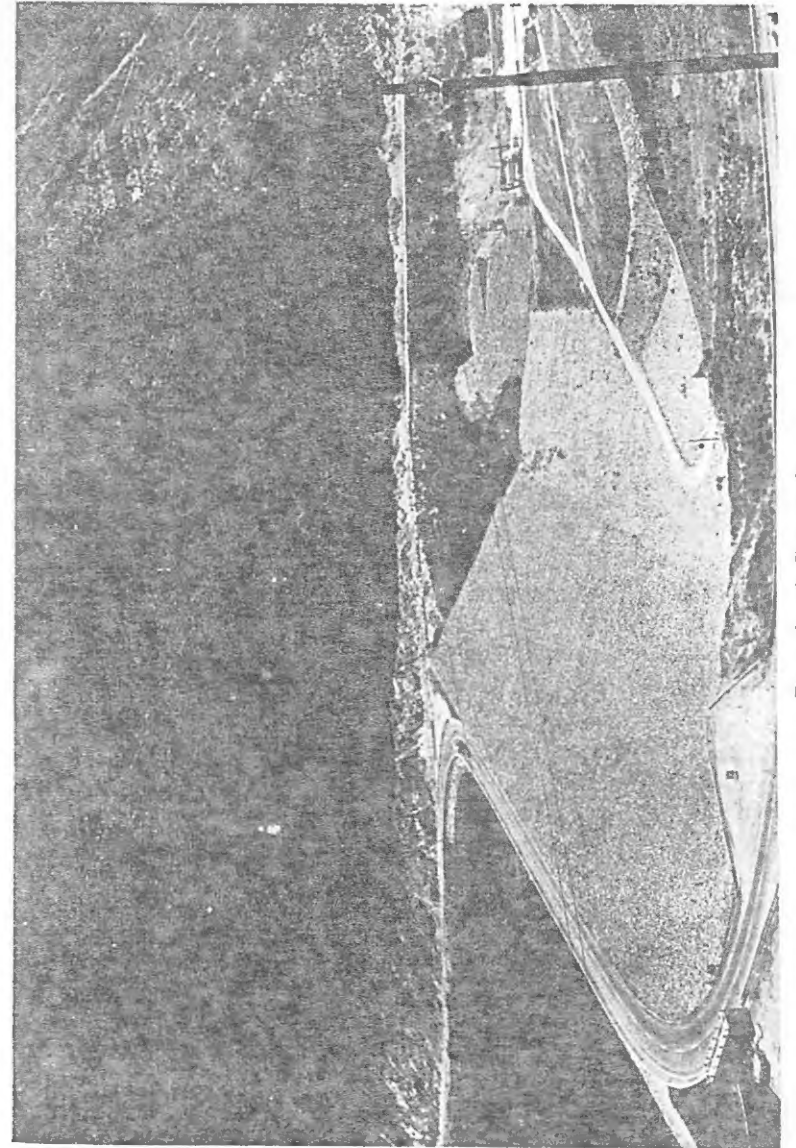
One other facet of irrigation which has profoundly influenced life in the valley has been the Provo River project. Although it falls beyond the period of pioneer history considered here, it is of such general interest as to warrant some mention.

The project was designed to conserve the run-off of the Provo River and its tributary streams as irrigation water for some one hundred thousand acres of farm lands in the Utah and Salt Lake Valleys. This required the

¹⁰Buys, *op. cit.*

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construction of a dam at the southern end of Provo Valley. Work on the dam began in 1938 and was completed in 1941. The Deer Creek Reservoir, as the project was named, covered thousands of acres of range land and inundated two-thirds of the town of Charleston.



Deer Creek Reservoir

CHAPTER IX

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James Lindsay was born in Scotland in 1849. His father was killed mining coal in 1861, leaving his widow and four sons—Robert, William, James, and Andrew. The Lindsay family was converted to the Church of Jesus Christ of Latter-day Saints and emigrated to America. They came to Heber in 1862 and later homesteaded land

along Lake Creek. In 1877 James bought Sidney Worsleg's property on Center Creek, and a year later he joined with the other new settlers on the reservoir project."

The first problem was locating the dam sites for the reservoirs. The dams could not be put on the creek itself because of the attitudes of the older settlers. Instead, they were located off to one side of the stream on various flats in the canyon. The reservoirs were then fed by lateral ditches running from the creeks. Each spring the annual run-off of melted snow from the mountain sides glutted the little streams, and it was this high water that the new settlers wanted to conserve until the fall when the creek level dropped once more. It was later found that not only the high water, but also the entire creek water before the irrigation period began and after

⁶The Journal of James Lindsay, MSS, (Daughters of Utah Pioneers Historical Collection, Heber City, 1920), p. 8.



Trial Lake

it ended, could be saved. Putting the reservoirs off to one side had definite advantages. The reservoirs were not filled with silt or dirt as they would have been had they been built on the stream. When they were filled the water was allowed to run down stream so that there was no danger of the dam breaking or washing away.

The pioneers began work on the reservoirs in 1879, and each year for the next fifteen or twenty years they drove their teams and wagons up the timbered slopes to gouge out rock, clay, and dirt for the five dams which backed up enough water to assure them a harvest in the fall.

This resourcefulness was met coldly by the old settlers, who felt that the reservoir water rightly should belong to them. Though repeated attempts were made to amalgamate the holdings of the Center Creek Company and the reservoir company, they were not successful.

We quarreled with the old settlers about the water to fill the reservoirs. . . . Creek Company (the old settlers) would go up the canyon and shut the water off and perhaps we would not know it for several days, so the feelings were anything but pleasant.

... We were hounded and hated for doing what the whole county was doing. Now we were the pioneers on the Reservoir building. . . . Our work proved to be the salvation and savior of our little community. When I first came on the creek there was no hay raised. . . . They fed straw to their stock. . . . The old settlers had made no ditches, built no reservoirs nor done anything to improve the little town.⁷

Other communities in the valley, faced with the same problem, also built reservoirs. But in the case of those irrigating along Daniels Creek the canyon was too steep to make reservoir building feasible.

⁷*Ibid.*, p. 8.

The search for additional water led the Daniels Creek settlers even to streams running on the other side of the mountains. They had watched with despair as yearly the water level in Daniels Creek fell, until by the end of summer only the springs along the foot of the mountain were left to supply both culinary and irrigation needs. The Strawberry River, with its tributary creeks, was draining the watershed on the other side of the mountain and it was to this source that Hiram Oaks and a few companions turned in 1879.

With a spirit level and plumb bob they surveyed what were later incorporated as the Strawberry and Willow Creek Canals.⁸ These canals were designed to bring the water across the mountains into Daniels Canyon. By 1882 the Daniels settlers had finished the three-mile-long Strawberry Canal at a cost of six thousand dollars. The thirty-three second-feet of water proved insufficient for later needs and so the Strawberry company began work on a second canal system designed to draw upon the high water from Strawberry Creek and the low water from Willow Creek for use on the other side of the mountain. The old company abandoned the project when the expense became too great. Those who had worked on the Willow Creek Canal then formed the Willow Creek Irrigation Company, which finished the seven-mile canal in 1893. This canal had a capacity of twenty-one second-feet and the water ran through a tunnel one thousand feet long, built at a cost of fifteen thousand dollars. When completed the project irrigated an additional thousand acres of land.⁹

The Timpanogos High Water Canal was a project designed to supply water to those land owners who had settled parallel to the river bank but above the level of

⁸Julia M. Anderson, "History of the Daniels Irrigation Company," MSS, (Daughters of Utah Pioneers Historical Collection, Heber City, 1952), p. 2.

⁹Buys, *op. cit.*

water at the point the river passed their farms. The first settlers to use the Provo River water had laid out a large plot of land called the North Field, along the east bank of the river just northwest of Heber City. The field comprised about three thousand acres, and those who farmed this land held the oldest water claims in the valley.¹⁰ Originally these were individual claims, but in 1889 the claims were consolidated into the North Field Irrigation Company for the purpose of regulating the water supply and maintaining the irrigation system.¹¹

The Provo River was again tapped for irrigation by the Wasatch Canal Company. Settlers with shares in this canal cultivated about two thousand five hundred acres of land east of that watered by the North Field irrigation system and the Spring Creek Canal. The Timpanogos Canal was designed to water additional land lying farther east by utilizing the high water from the Provo River.

The Timpanogos Company was incorporated on May 31, 1895. A committee appointed to survey the proposed canal planned it to be twelve and one-half miles long beginning at a point on the river six miles north of Heber. Later the lakes at the head of the Provo River were also reservoirized and the high water there was retained for use by this company.

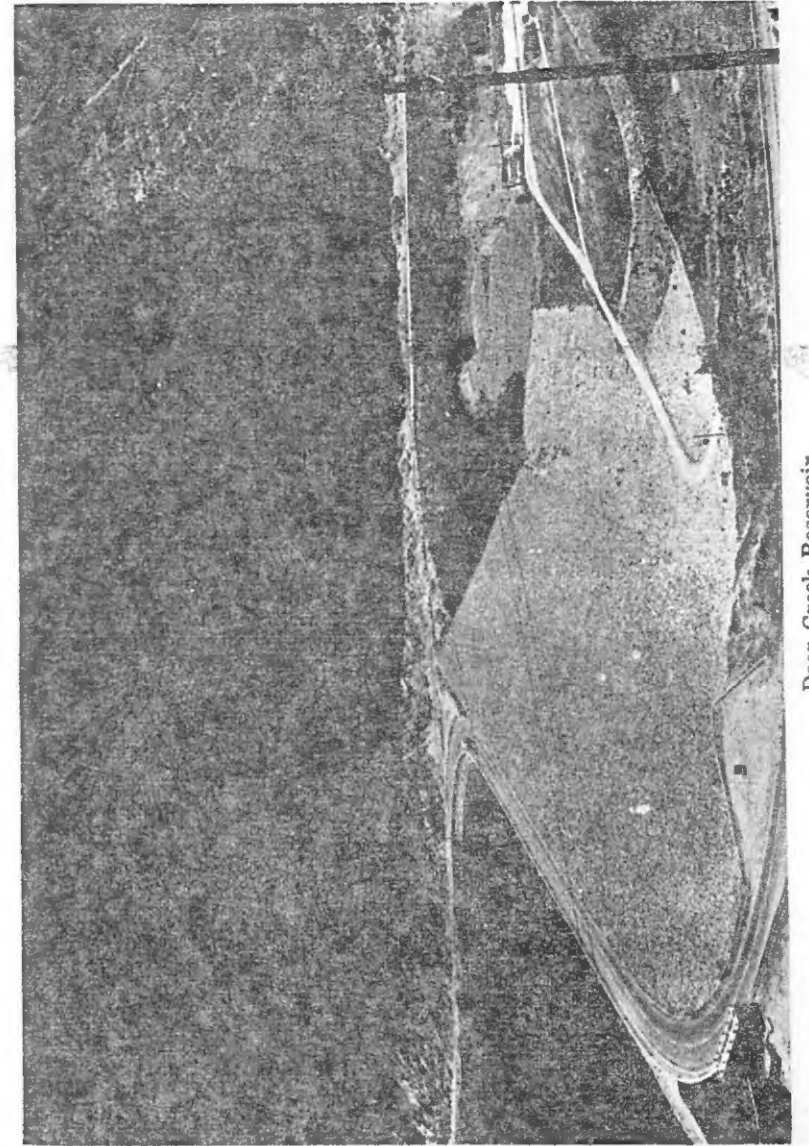
One other facet of irrigation which has profoundly influenced life in the valley has been the Provo River project. Although it falls beyond the period of pioneer history considered here, it is of such general interest as to warrant some mention.

The project was designed to conserve the run-off of the Provo River and its tributary streams as irrigation water for some one hundred thousand acres of farm lands in the Utah and Salt Lake Valleys. This required the

¹⁰Buys, *op. cit.*

¹¹"Minutes of the North Field Irrigation Company," *op. cit.*

construction of a dam at the southern end of Provo Valley. Work on the dam began in 1938 and was completed in 1941. The Deer Creek Reservoir, as the project was named, covered thousands of acres of range land and inundated two-thirds of the town of Charleston.



Deer Creek Reservoir

1844 was married to James Kofford. They were the parents of three daughters. In 1851 they embraced the LDS Church and made plans to come to Utah. Only a few days before they were scheduled to leave, James, a fisherman, was drowned while fishing in the bay. The laws of Denmark were such that she had to remain there three years after her husband's death before she could leave. So, in 1857 she and her daughters started out for America. She came in the Chris Christensen Company, and had to bury one of her daughters on the plains. The other two, Caroline and Katura walked along with her.

They settled first in Salt Lake and then moved to Lehi where she took care of her brother-in-law Hans Hammer's motherless children.

In 1873 Margaret came to Heber where her daughter had found work as a hired girl in the Abram Hatch home. Margaret lived in a log cabin and began working as a weaver. She carded, dyed, spun and wove the yarn and also made carpets.

On Sept. 8, 1873, her daughter Katura (Mrs. M. J. Shelton) died, leaving a little girl, Etta. Margaret cared for her little granddaughter until the girl was married.

Her other daughter, Caroline, married Christian P. Christensen and lived in Center Creek. Margaret died on January 4, 1901 at the home of her daughter Caroline in Center. To the end she was always honest and true to her testimony of the gospel.

JAMES AND AGNES WATSON LINDSAY



James Lindsay was born February 17, 1849 at Hudson Bridge, Scotland, the third son of William and Christina Howie Lindsay. He married Agnes Watson on January 9, 1871 in the old Endowment House in Salt

Lake City. She was born August 25, 1852 at Fifeshire, Scotland, a daughter of James and Janet Campbell Watson. To them were born ten children: Christina (Mrs. Dick Duke), Minnie (Mrs. Fred Crook), James W., Maggie L. (Mrs. Eugene Brown), Bennett, Lizzie (Mrs. Edward Jones), Jean (Mrs. Alonzo Hicken and also Mrs. William Horner), Hazel (Mrs. Albert Giles), Gladys (Mrs. Archie Briggs and then Mrs. Guy Duke). Their first daughter, Janet, died at the age of two. James died at Heber October 27, 1938 and Agnes died August 16, 1940.

James Lindsay was the son of a Scottish coal miner and moved with his father and family to several coal mining districts. He attended school until he was nine and one-half years old, and then went to work in the coal mines. He and his brother William could push coal cars for their father, and would watch for the light on the helmet of their father at the end of the tunnel. One day they didn't see the light, and when they investigated found their father dead under a large slab of coal that had fallen on him.

After their father's death, the boys returned to the mines to support their mother. They worked for six months more and in April of 1862 were notified that preparations were ready for them to come to Utah. Their father had always been active in the Church and his home had been open to missionaries.

The family boarded the train at Glasgow on April 19, and traveled to Liverpool. Here they transferred to the ship John Boyd for the ocean voyage. They landed first at Castle Garden, then went to St. Louis and by train to Omaha, where they waited for ox teams to finish the journey. They spent seven weeks traveling from Omaha to Salt Lake City and on to Heber. The boys soon built a comfortable rock home for their mother.

James spent his youth in Heber working for various men in the valley. After his marriage he moved with his wife to a farm and home in Center Creek where they spent a happy, prosperous life with their children.

Agnes came from Scotland as a young girl, and contracted smallpox while crossing the ocean. She lived for a brief time in Pennsylvania while her father earned enough money to bring them to Salt Lake City and on to Heber. They arrived in September of 1861.

As a girl Agnes helped her parents with

farm work and then met James Lindsay to whom she was betrothed. To earn some money for her coming marriage, Agnes moved to Salt Lake and worked as a servant in the home of Brigham Young, Jr. She stayed there eight months and then returned to Heber to prepare for marriage.

During her early married life, Agnes worked hard. Her husband was often away working, leaving the responsibilities of children and the farm to her. Neighbors frequently called on her to help with the sick and she was always called when there was a new baby. She was called the "mother" of Center Creek because of the number of babies she helped come into this life. Her hands were never idle during her life. She knitted hundreds of yards of lace, all of which was given away. She was 88 years old when she died after a three day illness.

BENNETT AND SARAH SWEAT LINDSAY



Bennett Lindsay was born October 23, 1882 at Center Creek, the seventh child of James and Agnes Watson Lindsay. He married Sarah Elizabeth Sweat on Nov. 23, 1905 at Center, and the marriage was later solemnized in the Salt Lake Temple. She was born Nov. 15, 1885 at Center, the daughter of Louis and Elizabeth Broadhead Sweat.

During his early life, Bennett worked with his father in farming and the sheep business, but did not join the LDS Church. After he met Sarah, he joined the Church and then had their marriage solemnized in the Temple. Much of his life after this was spent in active Church work. Six years after his marriage he received a mission call, and though it was difficult to leave his wife and three small youngsters alone at home, his faith never wavered and he served two years in the Central States Mission. Following his

mission he was called to serve as a member of the Center Ward bishopric and then in 1917 began a period of service as Bishop for 22 years.

Two years after his marriage, Bennett had saved enough money and materials to build a home for his family just east of his father's property in Center. He and his wife worked hard to make a lovely home and provide for their family. He joined with the father and brother in the sheep business, and was often required to be away from home, leaving his wife to care for their 11 children.

During his service as bishop a new chapel was erected in Center, and also during this time culinary water and electric lights were installed in the community. He spent much of his time helping these projects move along. Much sacrifice was also required to support three of their children on missions for the Church.

Sarah was also active in Church work, serving as an officer and teacher in the auxiliary organizations. She also was president of the PTA and was named Wasatch County Mother of the Year in 1959.

Bennett served as a member of the school board, as a director of the Lake Creek Irrigation Company, a member of the Soil Conservation Committee, was president of the County Farm Bureau and a board member of the Farm Home Administration.

Their eleven children include Ethel who married Clyde Broadbent and is the mother of five children; Louie, deceased, a twin who married Grant Averett and had four children; Louis, deceased, twin of Louie, married Ellen Christensen and had one son; Hazel, who married J. Clyde Howe and has seven children; Mabel who married Kenneth L. Anderson and has five children; Alice, a twin, who married Phillip Moon and has seven children; Allen, twin of Alice, who was killed in Germany during World War II; Wrex who married Ada Sabey and has four children; Doris who married Fay Parker and has six children; Robert, a twin, who married Isabell Daugherty Morgan and has two children and Bennett, twin of Robert, who married Kathleen Kohler and has five children.

ANDREW AND SARAH JANE THOMPSON LINDSAY

Andrew Lindsay was born April 14, 1853 at Craighall, Ayrshire Scotland in the same

mission he was called to serve as a member of the Center Ward bishopric and then in 1917 began a period of service as Bishop for 22 years.

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BENNETT AND SARAH SWEAT LINDSAY



Bennett Lindsay was born October 23, 1882 at Center Creek, the seventh child of James and Agnes Watson Lindsay. He married Sarah Elizabeth Sweat on Nov. 23, 1905 at Center, and the marriage was later solemnized in the Salt Lake Temple. She was born Nov. 15, 1885 at Center, the daughter of Louis and Elizabeth Broadhead Sweat. During his early life, Bennett worked with his father in farming and the sheep business, but did not join the LDS Church. After he met Sarah, he joined the Church and then had their marriage solemnized in the Temple. Much of his life after this was spent in active Church work. Six years after his marriage he received a mission call, and though it was difficult to leave his wife and three small youngsters alone at home, his faith never wavered and he served two years in the Central States Mission. Following his

*This Reservoir
was washed out
Nov. 19
Rebuilt &
recessed
in size
Road
also
changed*

Lindsay Reservoir

BISHOPS OF THE CENTER CREEK WARD



Benjamin Cluff



William Blake



Alonzo Adelbert Brim



Thomas G. Clegg



David Warren Smith



Hugh W. Harvey



Bennett Lindsay



Otis Sweat



Edward H. Burgener



Delbert Sweat

chase a chapel in Heber that had been used as a Methodist Church, and move the building to Center Creek. This was accomplished in 1915, with Bishop Harvey laughingly telling the members of the ward that they had worked well together in converting a whole church to the Latter-day Saints faith.

Two years later, on July 29, 1917, Bishop Harvey and his counselors were released. Bennett Lindsay was called to be the new Bishop, and became the ward's seventh bishop. Sustained as counselors to Bishop Lindsay were Elmer Mahoney and J. Howard Thomas. James Levar Christensen was ward clerk.

In 1923 Bishop Lindsay and his counselors recognized the need for recreational facilities in the community and determined to build a recreation hall in connection with the chapel. This was constructed at a cost of about \$3,000. Later, in 1927 electric lights were installed in both the chapel and the recreation hall.

As Bishop Lindsay continued to serve, the need for a new chapel became increasingly great, and so in 1936 an entirely new meeting house was begun. For two years the people worked together to erect the chapel. Many hours of volunteer labor went into the chapel, which was completed in 1938. Shortly after the work was finished, Bishop Lindsay was released. During the 21 years he served, he had as other counselors Darwin Duke, Otis Sweat and Lewis Sweat Jr. Clerks who served were C. Ray Mahoney and Rodney Mahoney.

Otis Sweat was sustained as the ward's eighth bishop. His counselors were Louris Mahoney and Hyrum Christensen, with Arthur Duke as clerk. Later Edward Burgener became clerk. The chapel which Bishop Lindsay had worked to complete was not free of debt when Bishop Sweat was called to serve. During his years as bishop he worked to clear up the debt so that the chapel could be officially dedicated for worship purposes. Finally, on Jan. 9, 1949 the chapel was dedicated to the Lord. Then in 1950 Bishop Sweat was released and Edward Burgener was called as the ward's ninth bishop.

Under Bishop Burgener the building program was renewed, and the old recreation hall was remodeled and an addition was planned to the chapel. Included in this new addition were new classrooms, a modern kitchen and an enlarged Relief Society room.

Counselors who served with Bishop Burgener were LeRoy Sweat and Kenneth Anderson. Harvey Crook was clerk. They served until May 22, 1960, when Delbert Sweat was sustained as bishop, with Harvey Crook and Grant Mahoney as counselors. Dean Sweat was sustained as ward clerk. Harvey Crook moved away in 1961 and Garold Christensen was sustained as 2nd counselor.

Auxiliary organizations in the Center Creek Ward have been strong supports to the bishops down through the years. The following individuals have served in the organizations and have helped to make the programs succeed: